

Amendments to the Specification

Please replace the paragraph beginning on page 4, line 27 with the following amended paragraph:

The inventors contemplate that the invention may be segmented into a server function and a client function. The server function comprises, e.g., the method and tools for performing the perk process and, optionally, the grind process, which may be implemented on the server 108 to produce a `[[Class]] class` file including annotations indicative of hints (optionally, a ground file) for propagation via the network 106 to the client presentation engine 104. The client function comprises, e.g., the java virtual machine (VM) environment and general application target environment (i.e., platform) that interprets the `[[Class]] class` file to execute the application. These functions will be discussed in more detail below with respect to the `[[FIGURES]] figures` included herein. The functions may be implemented as a method by one or more processors. The functions may be embodied as software instructions within a signal bearing medium or a computer product. Within the context of a peer to peer network, the server functions and client functions may be both implemented on client and/or server devices.

Please replace the ABSTRACT OF THE DISCLOSURE with the following:

The present invention `[[comprises]]` is a method and system for annotating a Java application file or ground Java application file to insert compiler hinting information such that a just-in-time compiler in a target environment preferentially compiles byte-code within the java application file.